

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 1.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-016443**Date Inspected:** 25-Aug-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 730**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1600**Contractor:** American Bridge/Fluor Enterprises, a JV**Location:** Job Site**CWI Name:** William Norris**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** S.A.S. components**Summary of Items Observed:**

The Quality Assurance Inspector (QAI), Scott Croff, was present at the Self Anchored Span (SAS) job site to observe the scheduled fabrication and welding of components for the SFOBB project.

The QAI reviewed contract related documents including the submitted and approved Welding Quality Control Plan (WQCP) and approved revisions to the WQCP. The QAI continued the courtesy review of the contractor's welding report submittal # 1536 Rev. 20. The QAI continued consolidating the information from previous welding report submittals to identify missing reports of inspections. The QAI continued generating a weld specific tracking list from the contractor's welding reports.

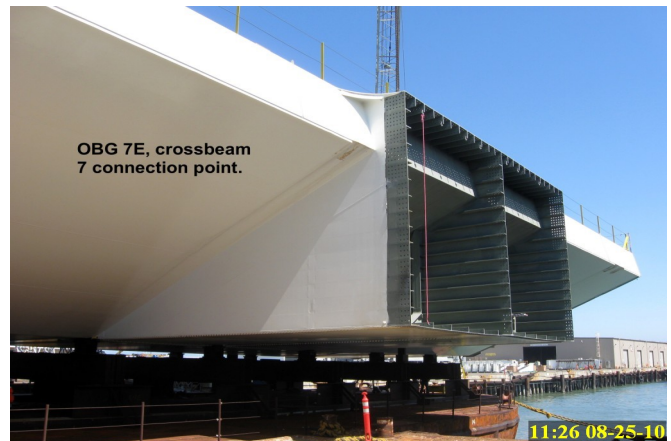
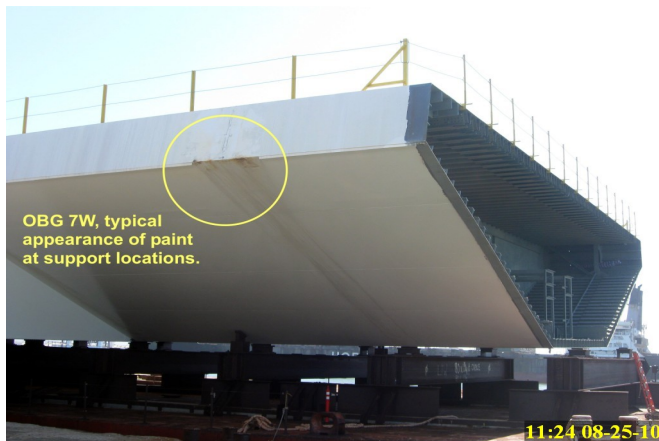
The QAI met with the Quality Control (QC) Inspector William Norris and discussed the courtesy review of submittal #1536 Rev. 19. The QAI and the QC Inspector reviewed the non-destructive testing (NDT) reports that were identified as needing additional information. The QAI was informed that these reports were not available to modify after the meeting that was held last week. The QAI was informed that there will be no problems correcting the initial NDT reports, however, the QC Inspector stated that per direction from ABF, reports of repairs do not need to identify which face of the weld was repaired. The QAI asked the QC Inspector why this information was not required, as there are interior and exterior weld surfaces. The QC Inspector replied that they were not reporting that information due to the direction of ABF. The QAI remarked that this issue would be discussed again and the reports may not be conforming with out all of the required information.

The QAI accompanied Caltrans personnel Tai-Lin Liu, Jason Wilcox, ABF representatives Chuck Kanapicki, William Norris, Bonifacio Daquinag Jr., Salvador Merino, the QAIs Robert Mertz and Joselito Lizardo in

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conducting the post arrival inspection of voyage 4. Voyage 4 contained OBG segments 7E, 7W, 8E, 8W and Crossbeams 7, 8, 9 and 10. The QAI noted that OBG 8W is not ready for inspection at this time. The QAI also noted that the interior areas of OBG 7E and 7W do not have the temporary shipping supports removed and are not ready for inspection at this time. The persons mentioned split into groups and began the post arrival inspection. The QAI examined the exterior surfaces of OBG 7E, 7W and the crossbeams. During the inspection, the QAI noted that painted surfaces have been marred where there is contact with shipping supports. The QAI also noted that drip plates have minor dents. There was no other shipping related damage observed during this inspection. See the attached photos.



Summary of Conversations:

The QAI had general conversations with ABF and Caltrans personnel during this shift. As noted above, the QAI had conversations with the QC Inspector William Norris, regarding the welding report submittals and the courtesy review of submittal # 1536 Rev. 19. Also as noted above, the QAI participated in the post arrival inspection and had general conversations regarding the appearance of the inspected components. The QAI relayed the status of the submittal reviews and the discussion with the QC Inspector to the QAI Lead Bill Levell. The QAI also relayed the observations of post arrival inspection to the QAI Lead Bill Levell. Except as described above, there were no other notable conversations or observations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mohammad Fatemi, (916)813-3677, who represents the Office of Structural

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Materials for your project.

Inspected By: Croff,Scott

Quality Assurance Inspector

Reviewed By: Levell,Bill

QA Reviewer